

Title (en)  
Latching mechanism for foldable table

Title (de)  
Einrastmechanismus für Klapptisch

Title (fr)  
Mécanisme de verrouillage pour table pliable

Publication  
**EP 2050356 A1 20090422 (EN)**

Application  
**EP 08018164 A 20081016**

Priority  
US 87374607 A 20071017

Abstract (en)  
A latching system (35) for a foldable table having two tabletop halves each having a bottom surface and an end surface includes a receiver (34) disposed on the end surface of the first tabletop half and a latching mechanism (32) disposed on the end surface of the second tabletop half. The latching mechanism (32) has an L-shaped anchor (40) and a pivoting clasp (38). A bottom leaf (48) of the anchor (40) is fastened to the bottom of the second tabletop half and an end leaf (50) of the anchor (40) is fastened to the end surface of the second tabletop half with a plurality of fasteners. The anchor (40) and clasp (38) have one or more hinge barrels (39,41) for receiving the hinge pin (42) so that the hinged clasp (38) pivots about the hinge pin (42) relative to the anchor (40). The hinged clasp (38) detachably mates with the receiver (34) and thereby latches the two tabletop halves in a storage position.

IPC 8 full level  
**A47B 3/08** (2006.01); **A47B 3/091** (2006.01)

CPC (source: EP US)  
**A47B 3/08** (2013.01 - EP US); **A47B 3/0911** (2013.01 - EP US); **Y10T 24/44274** (2015.01 - EP US)

Citation (applicant)  
• US 38377606 A 20060517  
• US 76315504 A 20040121

Citation (search report)  
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• [A] DE 29612887 U1 19961121 - WAGESTER WOLFGANG DIPL ING [DE]  
• [A] US 2709631 A 19550531 - COVUCCI CHARLES C

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**US 2008072804 A1 20080327**; **US 7752982 B2 20100713**; EP 2050356 A1 20090422; EP 2050356 B1 20120926; ES 2421540 T3 20130903; PL 2050356 T3 20130329

DOCDB simple family (application)  
**US 87374607 A 20071017**; EP 08018164 A 20081016; ES 08018164 T 20081016; PL 08018164 T 20081016